

ATTORNEY DOCKET NO: POWRD-023C

TITLE: Thermal Interface Wafer & Method of Making & Using the Same

Serial Number: 10/691,171

Filed: OCTOBER 22, 2003

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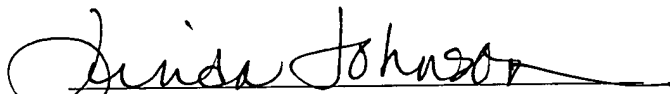
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PTO/SB/21 (08-00)  
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# TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Application Number Not Yet Assigned

Filing Date Herewith

First Named Inventor Robert A. Raush

Group Art Unit 3743

Examiner Name Allen J. Flanigan

Total Number of Pages in This Submission

Attorney Docket Number POWRD-023C

## ENCLOSURES (check all that apply)

☐ Fee Transmittal Form

☐ Fee Attached

☐ Amendment / Reply

☐ After Final

☐ Affidavits/declaration(s)

☐ Extension of Time Request

☐ Express Abandonment Request

☒ Information Disclosure Statement

☐ Certified Copy of Priority Document(s)

☐ Response to Missing Parts/  
Incomplete Application

☐ Response to Missing Parts  
under 37 CFR 1.52 or 1.53

☐ Assignment Papers  
(for an Application)

☐ Drawing(s)

☐ Licensing-related Papers

☐ Petition

☐ Petition to Convert to a  
Provisional Application

☐ Power of Attorney, Revocation  
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☐ Terminal Disclaimer

☐ Request for Refund

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☐ After Allowance Communication  
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☐ Appeal Communication to Board  
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☐ Proprietary Information

☐ Status Letter

☒ Other Enclosure(s) (please  
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or  
Individual name

MATTHEW A. NEWBOLES  
STETINA BRUNDA GARRED & BRUCKER

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Application No.: 10/691,171  
Attorney Docket: POWRD-023C

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicants:	ROBERT A. RAUCH	)	Confirmation No. 6525
		)	
Serial No.:	10/691,171	)	Art Unit: 1772
		)	
Filed:	OCTOBER 22, 2003	)	Examiner:
		)	
For:	THERMAL INTERFACE	)	
	WAFER AND METHOD OF MAKING AND		
	USING THE SAME		

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**INFORMATION DISCLOSURE STATEMENT  
PURSUANT TO 37 C.F.R. SECTION 1.97**

MAIL STOP DD  
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Dear Sir:

Pursuant to 37 C.F.R. § 1.97, the following Information Disclosure Statement is submitted as listed on form PTO/SB/08A and 08B enclosed herewith in duplicate. Copies of all disclosure documents are attached hereto for the Examiner's review. Please note that this is filed concurrently with one or more additional Information Disclosure Statements which were filed electronically on today's date. Attached are the Acknowledgement Receipts: reference EFS ID 54422.

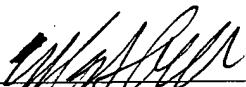
No representation is made that the references disclosed herein legally constitute prior art, or that more relevant references are not available. The disclosure documents enclosed herewith and listed on the attached form (PTO/SB/08A and 08B) are printed in the English language and/or accompanied by and Abstract published in the English language.

The references listed herein, when taken alone or in combination, are not believed to disclose nor make obvious the invention as claimed in the subject application.

As these Information Disclosure Statements are being submitted before the stipulated three months from the filing date of the application and/or before the mailing of a first Office Action, it is believed that no fee is required. If any additional fee is required, please charge Account Number 19-4330.

Respectfully submitted,

Date: 1/28/04

By: 

Customer No.: 007663

Matthew A. Newboles  
Registration No. 36,224  
STETINA BRUNDA GARRED & BRUCKER  
75 Enterprise, Suite 250  
Aliso Viejo, California 92656  
Telephone: (949) 855-1246

**UNITED STATES PATENT AND TRADEMARK OFFICE**  
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Electronic Version 1.1

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**Title of  
Invention**

**THERMAL INTERFACE WAFER AND METHOD OF MAKING AND USING THE  
SAME**

**Submission Type:** Information Disclosure Statement

**Application Number:** 10/691171

**\*10/691171\***

**EFS ID:** 54422

**Server Response:**

Confirmation Code	Message
ISVR1	Submission was successfully submitted - Even if Informational or Warning Messages appear below, please do not resubmit this application
ICON1	6525
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**First Named Applicant:** ROBERT RAUCH

**Attorney Docket Number:** POWRD-023C

**Timestamp:** 2004-01-28 19:26:15 EDT

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**File Listing:**

Doc. Name	File Name	Size (Bytes)
us-ids	IDS-usidst.xml	9412
us-ids	us-ids.dtd	7763
us-ids	us-ids.xsl	12026
package-data	IDS-pkda.xml	1998
package-data	package-data.dtd	27025
package-data	us-package-data.xsl	19263
Total files size		77487

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Substitute for form 1449A/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(use as many sheets as necessary)</i>				<b>Complete if Known</b>	
				Application Number	10/691,171
				Filing Date	OCTOBER 22, 2003
				First Named Inventor	ROBERT A. RAUCH
				Art Unit	1772
				Examiner Name	
Sheet	1	of	1	Attorney Docket Number	POWRD-023C

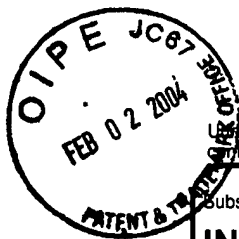
[illegible][illegible]

Examiner Signature		Date Considered	
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). <sup>2</sup> See Kind Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

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Substitute for form 1449B/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 1 of 0

### Complete if Known

Application Number	10/691,171
Filing Date	OCTOBER 222003
First Named Inventor	ROBERT A. RAUCH
Group Art Unit	1772
Examiner Name	
Attorney Docket Number	POWRD-023C

### OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		POWER DEVICES, INC.: "Kapton MT Substrates Coated with High Performance Thermal Compound in Easy-to-Use Form"; MCM-Strate; 1996.	
		POWER DEVICES, INC.; "Low Thermal Resistance and Excellent Electrical Insulation in One Clean, Reliable System"; ISOSTRATE: 1991.	
		POWER DEVICES, INC.; "Adhesive-backed Aluminum Substrate with High Performance Thermal Compound in Easy-to-Use Form"; MCM-STRATE; 1996	
		POWER DEVICES, INC.; "The Cost-Effective Solution to Thermal Interface Problems - Clean, Dry and Easy to Use; THERMSTRATE; 1991.	
		CHOMERICS; "THERMATTACH 404 and 405 Thermally Conductive Adhesive Tapes"; CHO-THERM Thermal Interface Materials; Technical Bulletin 72; 1993.	
		CHOMERICS; "THERMATACH T413 and T414 Thermally Conductive Adhesive Tapes"; Preliminary Product Data Sheet; 1994.	
		CHOMERICS; "THERMFLOW T705 and T710 Low Thermal Resistance Interface Pads"; CHO-THERM Thermal Interface Material; Technical Bulletin 77; 1997.	
		THE BERGQUIST COMPANY; "SIL-PAD Design Guide"; Spring 1993.	

Examiner  
Signature

Date  
Considered

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<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

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